

Table 8e. U.S. Fuel Consumption for Electricity Generation by Sector: Base Case

	2006				2007				2008				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2006	2007	2008
(Quadrillion Btu)															
Electric Power ^a															
Coal	5.01	4.79	5.57	5.04	5.07	4.84	5.74	5.17	5.22	4.90	5.83	5.25	20.41	20.81	21.20
Petroleum.....	0.15	0.15	0.20	0.15	0.17	0.19	0.26	0.19	0.21	0.18	0.25	0.20	0.66	0.81	0.84
Natural Gas.....	1.07	1.58	2.29	1.42	1.26	1.54	2.11	1.38	1.28	1.60	2.18	1.42	6.35	6.29	6.48
Other ^b	3.12	3.13	3.10	2.89	3.07	3.10	3.13	2.95	3.13	3.16	3.17	2.99	12.25	12.25	12.45
Subtotal.....	9.35	9.65	11.17	9.49	9.57	9.67	11.24	9.69	9.84	9.83	11.44	9.86	39.67	40.16	40.96
Commercial															
Coal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02
Petroleum.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas.....	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.05	0.04	0.04
Other ^b	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.04	0.04	0.04
Subtotal.....	0.02	0.03	0.03	0.03	0.02	0.02	0.03	0.02	0.02	0.02	0.03	0.02	0.10	0.10	0.10
Industrial															
Coal	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.21	0.24	0.24
Petroleum.....	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.02	0.04	0.05	0.05
Natural Gas.....	0.16	0.18	0.21	0.17	0.18	0.20	0.22	0.19	0.19	0.20	0.22	0.19	0.72	0.78	0.80
Other ^b	0.14	0.13	0.15	0.16	0.18	0.18	0.18	0.19	0.18	0.18	0.19	0.19	0.58	0.72	0.74
Subtotal.....	0.36	0.37	0.43	0.39	0.43	0.44	0.47	0.45	0.45	0.45	0.48	0.46	1.56	1.79	1.83
Total.....	9.74	10.05	11.64	9.91	10.02	10.13	11.74	10.16	10.31	10.30	11.94	10.34	41.34	42.06	42.90
(Physical Units)															
Electric Power ^a															
Coal (mmst).....	250.8	239.9	279.0	252.2	253.6	242.4	287.3	258.7	261.3	245.1	292.1	262.8	2.80	2.85	2.90
Petroleum (mmbd) ..	0.28	0.27	0.36	0.27	0.31	0.33	0.46	0.34	0.37	0.32	0.44	0.36	0.29	0.36	0.37
Natural Gas (tcf).....	1.04	1.53	2.23	1.38	1.23	1.50	2.05	1.34	1.24	1.55	2.12	1.38	6.17	6.12	6.29
Commercial															
Coal (mmst).....	0.20	0.17	0.20	0.19	0.18	0.15	0.18	0.18	0.19	0.15	0.18	0.19	0.00	0.00	0.00
Petroleum (mmbd) ..	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas (tcf).....	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.05	0.04	0.04
Industrial															
Coal (mmst).....	2.29	2.26	2.58	2.51	2.50	2.59	2.66	2.90	2.65	2.64	2.66	2.94	9.64	10.65	10.89
Petroleum (mmbd) ..	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.02	0.03	0.02	0.02	0.02	0.02
Natural Gas (tcf).....	0.16	0.18	0.21	0.16	0.17	0.19	0.22	0.18	0.18	0.19	0.22	0.19	0.70	0.76	0.77

^aElectric utilities and independent power producers.^b"Other" includes other gaseous fuels, nuclear, hydroelectric, geothermal, wood, waste, wind and solar power sources.

Note: Commercial and industrial categories include electricity output from combined heat and power (CHP) facilities and some electric-only plants.

Notes: Minor discrepancies with other EIA published historical data are due to rounding. Historical data are printed in bold; estimates and forecasts are in italics. The forecasts were generated by simulation of the Short-Term Integrated Forecasting System.

Sources: Historical data: EIA: latest data available from EIA databases supporting the following report: *Electric Power Monthly*, DOE/EIA-0226. Projections: EIA, Short-Term Integrated Forecasting System database, and Office of Coal, Nuclear, Electric and Alternate Fuels (hydroelectric and nuclear).

Physical Units: mmst = million short tons; mmbd = million barrels per day; tcf = trillion cubic feet.